

MINITED STATES OF AMERICA
COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION

FILE NO. Sankyo P-250/

500615.20220

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

OPTICAL HEAD DEVICE, DIFFRACTION ELEMENT AND MANUFACTURING METHOD

the specification of which is attached hereto.	FOR DIFFRACTION ELEMENT						
was filed on	the specification of which						
was filed on an experimental and patent application No. (If any). I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, \$1.56. I hereby claim foreign priority benefits under Title 35, United States Code \$1.19 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s) COUNTRY APPLICATION NUMBER DATE OF FILING (aby, month, year) Japan 2003-108204 11 April 2003 YES X NO Japan 2003-394179 25 November 2003 YES X NO I hereby appoint REED SMITH LLP and the members of the firm: Lloyd McAulay, Reg., No. 24,403; Jules E. Goldbarg, Reg., No. 24,403; Carried H. Kiel, Reg., No. 39,393; Arthur Dresner, Reg., No. 35,393 William H. Dipport, Reg., No. 26,275; Stephen Chin, Reg., No. 39,393; Arthur Dresner, Reg., No. 24,403; and Harry K. Ahn, Reg., No. 40,243, and Sylvia Tan, Reg., No. 47,324 as attorneys with full power of substitution and revocation to prosecute all business in the Patent & Trademark Office connected therewith and to receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. REED SMITH I.LP SED SAMTH I.LP SED SAMTH I.LP SED SAMTH I.LP APPLICATION NUMBER I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 or Title 16 o	io diddinod fioroto.						
hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Prior Foreign Application of Priority benefits under Title 38, United States Code States and Priority is claimed. Priority Chalmed United States Code States In and Priority is claimed. Priority Chalmed United States Code States In Application (1) and Priority is claimed. Priority Chalmed United States Code Reg. No. 20, 24, 23; Julies E. Goldberrg, St. No. 20, 24, 23; Julies E. Goldberrg, Reg. No. 24, 408; Gerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 723; Michael I. No. 24, 408; Gerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 26, 20; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele,	was med on Typhi o, 2004 as office states patent application serial Number 10/022,000						
hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Lacknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. Prior Foreign Application of Priority benefits under Title 38, United States Code States and Priority is claimed. Priority Chalmed United States Code States In and Priority is claimed. Priority Chalmed United States Code States In Application (1) and Priority is claimed. Priority Chalmed United States Code Reg. No. 20, 24, 23; Julies E. Goldberrg, St. No. 20, 24, 23; Julies E. Goldberrg, Reg. No. 24, 408; Gerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 723; Michael I. No. 24, 408; Gerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 35, 930; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele, Reg. No. 25, 16; Eugene Lebonne, Reg. No. 26, 20; William H. Dippert Reg. No. 26, 223; Michael I. No. 24, 408; Cerald H. Kele,	was filed on as PCT International patent application No						
claims, as amended by any amendment referred to above. acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56. hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's critificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s)							
I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) COUNTRY APPLICATION NUMBER DATE OF FILING (day, month, year) CLAIMED UNDER 35 U.S.C. 119 Japan 2003-108204 11 April 2003 YES X NO Japan 2003-394179 25 November 2003 YES X NO I hereby appoint REED SMITH LLP and the members of the firm: Lloy! Moulay, Reg. No. 20, 423, Jules E. Goldberg, Reg. No. 24, 403 (Gerald H. Kiel, Reg. No. 25, 116; Eugens beloonne, Reg. No. 39, 393; William H. Dippert, Reg. No. 26, 23, Michael I. Wolfson, Reg. No. 24, 750; Stephen Chin, Reg. No. 39, 393; Arthur Dresner, Reg. No. 44, 403; enertary for the firm statement of the receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. Reg. No. 39, 393; Arthur Dresner, Reg. No. 44, 403; enertary for the firm for the correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. Reg. No. 44, 403; enertary for the firm for the development of the correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. Reg. No. 44, 403; enertary for the firm for the development of the development of the firm for the development of the firm for for the firm for for the firm for the firm for for the firm for for the firm for f	claims, as amended by any amendment referred to above.						
inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s)	I acknowledge the duty to disclose all information known to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.						
APPLICATION NUMBER DATE OF FILING (day, month, year) Japan 2003-108204 Japan 2003-108204 Japan 2003-394179 Japan	inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate						
Japan 2003-108204 11 April 2003 YES X NO Japan 2003-394179 25 November 2003 YES X NO Japan No. 24,408: Gerald H. Kiel, Reg. No. 25,116: Eugene LeDonne, Reg. No. 35,930: William H. Dippert, Reg. No. 26,723: Michael I. Wolfson, Reg. No. 47,324 as attorneys with full power of substitution and revocation to prosecute all business in the Patent & Trademark Office connected therewith and to receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. REED SMITH LLP S99 Lexington Avenue New York, New York 10022-7650 U.S.A. DIRECT TELEPHONE CALLS TO: (212) 521-5400 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 8 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI RESIDENCE Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP Japan POST OCUNTRY OF CITIZENSHIP Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE DATE COUNTRY OF CITIZENSHIP DATE	Prior Foreign Application(s)						
Japan 2003-394179 25 November 2003 YES _X NO	COUNTRY	APPLICATION NUMBER				CLAIMED UNDER	
I hereby appoint REED SMITH LLP and the members of the firm: Lloyd McAulay, Reg. No. 20, 423; Jules E. Goldberg, Reg. No. 24, 408; Gerald H. Kiel, Reg. No. 25, 116; Eugene LeDonne, Reg. No. 35,930; William H. Dippert, Reg. No. 26, 723; Michael I. Wolfson, Reg. No. 47,324 sa attorneys with full power of substitution and revocation to prosecute all business in the Patent & Trademark Office connected therewith and to receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. REED SMITH LLP 599 Lexington Avenue New York, New York 10022-7650 U.S.A. DIRECT TELEPHONE CALLS TO: (212) 521-5400 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI INVENTOR'S SIGNATURE Tensichi Japan POST OFFICE ADDRESS C/O Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP RESIDENCE RESIDENCE COUNTRY OF CITIZENSHIP	Japan	2003-108204		11 April 2003		YES X NO	
No. 24,409; Gerald H. Kiej, Reg. No. 25,116; Eugene LeDonne, Reg. No. 35,930; William H. Dippert, Reg. No. 26,723; Michael I. Wolfson, Reg. No. 47,30; Stephen Chin, Reg. No. 49,338; Arthur Dresner, Reg. No. 24,403; and tarry K. Ahn, Reg. No. 40,243, and Sylvia Tan, Reg. No. 47,324 as attorneys with full power of substitution and revocation to prosecute all business in the Patent & Trademark Office connected therewith and to receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. REED SMITH LLP 599 Lexington Avenue New York, New York 10022-7650 U.S.A. DIRECT TELEPHONE CALLS TO: (212) 521-5400 I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI RESIDENCE Nagano, Japan POST OFFICE ADDRESS C/O Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP DATE RESIDENCE COUNTRY OF CITIZENSHIP	Japan	2003-394179		25 November 2003		YES _X _ NO	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI RESIDENCE Nagano, Japan POST OFFICE ADDRESS C/O Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP DATE LY-May - '04 COUNTRY OF CITIZENSHIP RESIDENCE COUNTRY OF CITIZENSHIP COUNTRY OF CITIZENSHIP	No. 24,408; Gerald H. Kiel, Reg. No. 25,116; Eugene LeDonne, Reg. No. 35,930; William H. Dippert, Reg. No. 26,723; Michael I. Wolfson, Reg. No. 24,750; Stephen Chin, Reg. No. 39,938; Arthur Dresner, Reg. No. 24,403; and Harry K. Ahn, Reg. No. 40,243, and Sylvia Tan, Reg. No. 47,324 as attorneys with full power of substitution and revocation to prosecute all business in the Patent & Trademark Office connected therewith and to receive all correspondence. SEND CORRESPONDENCE TO: Gerald H. Kiel, Esq. REED SMITH LLP 599 Lexington Avenue						
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI RESIDENCE Nagano, Japan POST OFFICE ADDRESS c/o Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP DATE LIV-May - '04 COUNTRY OF CITIZENSHIP RESIDENCE COUNTRY OF CITIZENSHIP							
Deliter are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. FULL NAME OF SOLE OR FIRST INVENTOR Kenichi HAYASHI RESIDENCE Nagano, Japan POST OFFICE ADDRESS c/o Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP DATE 14 - May - '04 RESIDENCE COUNTRY OF CITIZENSHIP DATE RESIDENCE COUNTRY OF CITIZENSHIP	DIRECT TELEPHONE CALLS TO: (212) 521-5400						
RESIDENCE Nagano, Japan POST OFFICE ADDRESS c/o Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) RESIDENCE RESIDENCE INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP COUNTRY OF CITIZENSHIP	Delief are Delieved to be true: and further that these statements were made with the knowledge that willful false statements and the						
POST OFFICE ADDRESS c/o Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) RESIDENCE COUNTRY OF CITIZENSHIP		INVENTOR'S SIGNATURE			DATE		
POST OFFICE ADDRESS c/o Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) RESIDENCE COUNTRY OF CITIZENSHIP		Hayash		14-May-'04			
C/O Sankyo Seiki Mfg. Co., Ltd., Suwaminami Works, No. 10801-2, Hara-mura, Suwa-gun, Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP	Nagano, Japan Japan						
Nagano, Japan FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP							
FULL NAME OF SECOND INVENTOR (IF ANY) INVENTOR'S SIGNATURE COUNTRY OF CITIZENSHIP							
RESIDENCE COUNTRY OF CITIZENSHIP							
GOOTHET OF THE ENGLISH		IIIV EIII OR O OIONA	TORE		DATE		
POST OFFICE ADDRESS	RESIDENCE				COUNTRY OF CITIZENSHIP		